FROM : Memry-Schetky

FAX NO. :207-236 7784 Nov. 17 2005 07:10PM P2

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State of _ME County of _KNOX
BEFORE ME, the undersigned authority, a Notary Public of the State of Oregon, this day personally appeared L. McD. Scheiky, Ph.D., P.E., Affiant, who, upon being first sworn by me, deposed and stated the following:
Affison's fall name is _Laurence _McDonald Schetky, and his residence is:
318 Molyneaux Rd,
Camden, Maine 04843
2. Affiant's business address is:
3 Berkshire Blvd
Bethel, NEA 06801
 Affiant is a former Technical Director of The International Copper Research Association. Affiant initiated research efforts on copper based Shape Memory alloys, which were carried out in universities in the United States, Australia, Belgium and the United Kingdom and investigated copper-based shape memory alloys, such as Cn-Zn, Cn-Zn-Al, Cn-Al-Ni, Cn-Mn and others. Affiant has over four decades of research experience in copper based Shape Memory alloys. Affiant is familiar with the basic metallurgy of CnAu alloys. Affiant states that it is well known that Au and Cu form a completely miscible series of disordered solid solutions, and the alpha phase, which forms on solidification, has the fee (A1) structure isotypic with copper. Affiant states that it is well known that at low temperatures, various ordering of the basic enthic symmetry betting a first states that it is well known that such a system must exhibit a martensitic phase transformation in order to exhibit the shape memory effect of a Shape Memory alloy. Affiant states that there is no evidence that any combination of Au and Cu is capable of exhibiting a martensitic phase transformation; therefore, in the opinion of Affiant, a metallurgist, who works with Shape Memory alloys and possesses ordinary skill, would
know that there is no possibility of any combination of Au and Cu eximining the shape memory effect.
Signature of Affiant
SURSRIBED and SWORN TO before me this 7 day of NOV, 2005, by Secondary Ison who is personally known to me or who did produce the following identification The Vivers (Conso NOTARY PUBLIC TO A DO NOTARY PUBLIC TO A DO NOTARY PUBLIC
My Commission Expires: FCD, XICOIA
BERENA IL WILSON

PAGE 5/24 * RCVD AT 1/4/2006 2:16:06 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/34 * DNIS:2738300 * CSID:8132298313 * DURATION (mm-ss):07-02